

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Wang, et al.

Serial No.: 10/800,112

Confirmation No.: Unknown

Filed: March 12, 2004

For: Method of Depositing an Amorphous Carbon Film for Metal Etch Hardmask Application

Group Art Unit: Unknown

Examiner: Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING
37 CFR 1.8

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06/07/2004 B. J. gk
Date Signature

Dear Sir:

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The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

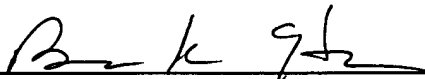
While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

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The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No.20-0782/AMAT/8245/BKH.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "B k Hrna", written over a horizontal line.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 3

Application Number	10/800,112
Filing Date	MARCH 12, 2004
First Named Inventor	YUXIANG WANG, ET AL.
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	AMAT/8245/DSM/BCVD/JW
Submission Date	06/07, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US-6,635,583 B2	10/21/2003	Bencher, et al.	
	A2	US-6,624,064 B1	09/23/2003	Sahin, et al.	
	A3	US-6,573,030	06/03/2003	Fairbairn, et al.	
	A4	US-6,541,397 B1	04/01/2003	Bencher	
	A5	US-6,458,516 B1	10/01/2002	Ye, et al.	
	A6	US-6,423,384 B1	07/23/2002	Khazeni, et al.	
	A7	US-6,413,852	07/02/2002	Grill, et al.	
	A8	US-6,380,106	04/30/2002	Lim, et al.	
	A9	US-6,358,573 B1	03/19/2002	Raoux, et al.	
	A10	US-6,333,255	12/25/2001	Sekiguchi	
	A11	US-6,331,380 B1	12/18/2001	Ye, et al.	
	A12	US-6,323,119 B1	11/27/2001	Xi, et al.	
	A13	US-6,316,347	11/13/2001	Chang, et al.	
	A14	US-6,291,334 B1	09/18/2001	Somekh	
	A15	US-6,235,629	05/22/2001	Takenaka	
	A16	US-6,214,730	04/10/2001	Cooney, III, et al.	
	A17	US-6,211,065 B1	04/03/2001	Xi, et al.	
	A18	US-6,165,890	12/26/2000	Kohl, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B1					
	B2					
	B3					
	B4					
	B5					

Examiner

Date Considered

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PTO/SB/08a (08-03)

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Sheet 2

of 3

Application Number	10/800,112
Filing Date	MARCH 12, 2004
First Named Inventor	YUXIANG WANG, ET AL.
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	AMAT/8245/DSM/BCVD/JW
Submission Date	4/7, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A19	US-6,153,935	11/28/2000	Edelstein, et al.	
	A20	US-6,143,476	11/07/2000	Ye, et al.	
	A21	US-6,140,226	10/31/2000	Grill, et al.	
	A22	US-6,140,224	10/31/2000	Lin	
	A23	US-6,098,568	08/08/2000	Raoux, et al.	
	A24	US-6,080,529	06/27/2000	Ye, et al.	
	A25	US-6,066,577	05/23/2000	Cooney, III, et al.	
	A26	US-6,064,118	05/16/2000	Sasaki	
	A27	US-6,057,226	05/02/2000	Wong	
	A28	US-6,035,803	03/14/2000	Robles, et al.	
	A29	US-6,030,901	02/29/2000	Hopper, et al.	
	A30	US-6,008,140	12/28/1999	Ye, et al.	
	A31	US-5,986,344	11/16/1999	Subramanion, et al.	
	A32	US-5,900,288	05/04/1999	Kuhman, et al.	
	A33	US-5,866,920	02/02/1999	Matsumoto, et al.	
	A34	US-5,789,320	08/04/1998	Andricacos, et al.	
	A35	US-5,759,913	06/02/1998	Fulford, Jr., et al.	
	A36	US-5,461,003	10/24/1995	Havemann, et al.	
	A37	US-2003/0091938 A1	05/15/2003	Fairbairn, et al.	
	A38	US-2002/0090794 A1	07/11/2002	Chang, et al.	
	A39	US-2002/0086547 A1	07/04/2002	Mui, et al.	
	A40	US-2002/0001778 A1	01/03/2002	Latchford, et al.	
	A41	US-2001/0007788 A1	07/12/2001	Chang, et al.	
	A42				
	A43				
	A44				
	A45				
	A46				

Examiner

Date Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3

of 3

Application Number	10/800,112
Filing Date	MARCH 12, 2004
First Named Inventor	YUXIANG WANG, ET AL.
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	AMAT/8245/DSM/BCVD/JW
Submission Date	6/7, 2004

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	C1	U.S. Patent Application 10/768,724, filed on January 30, 2004. (AMAT/8736)	
	C2	U.S. Patent Application 10/799,146, filed on March 12, 2004 (AMAT/8244)	
	C3	U.S. Patent Application 10/799,147, filed on March 12, 2004 (AMAT/8390)	
	C4	U.S. Patent Application 10/383,839, filed on March 7, 2003 (AMAT/6328.C1)	

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